

Official publication of

The St. Catharines & Area Aquarium Society

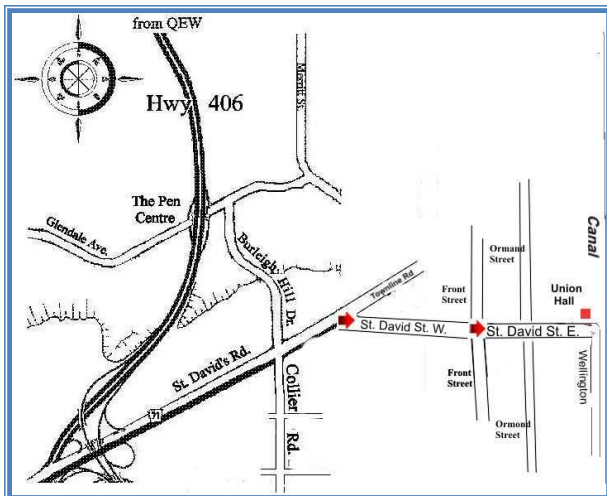
Since 1958

The SCAT



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Club Notes



- ▶ Meetings of The St. Catharines & Area Aquarium Society, (S.C.A.A.S.), are held on the first Monday of each month at the Seafarers' and Teamsters' Union Hall, 70 St. David St. E., Thorold, ON. If the first Monday falls on a holiday, the meetings are held on the second Monday.
- ▶ There are no meetings in July and August.
- ▶ The society, established in 1958, is a non-profit educational organization, dedicated to the task of promoting interest in the breeding, raising, maintenance and study of tropical fish, both at the beginner and more advanced levels.
- ▶ S.C.A.A.S. is a charter member of the Canadian Association of Aquarium Clubs Inc., (C.A.O.A.C.), www.caoac.ca and a member of the Federation of American Aquarium Societies, (F.A.A.S.), www.faas.info
- ▶ More news and information about S.C.A.A.S. can be found at our web site www.scaas.info and check us out on the new S.C.A.A.S. page at Facebook.com, thanks to Paul Paradis.

The next meeting is on Monday January 5, 2015

The topic will be

Breeding Discus by Tom & Pat Bridges). It will consist of a pictorial presentation of our experiences with those beautiful fish over the years. Meeting starts at 7:30

Committees

Breeder Awards

Tom Bridges (905) 735-3352
tp.bridges@sympatico.ca

Horticulture Awards

Joe Krawchuk (905) 325-5562
drummers_secret@hotmail.com

Auction Coordinator

Tom Bridges – see above

CAOAC representative

Phil Barrett (905) 931-2044
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Newsletter

Lee Routhier (905) 329-9447
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Jar Show Coordinator & Judge

Pat Shriner (905) 354-1367
gpshriner@cogeco.ca

Membership

Pat Bridges – see Tom above

Refreshments

Position is still open

Library G.O.

Press/Publicity

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Webmasters

Ken Brady and Roman Haljkevic

Programs & Ways & Means

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Treasurer: Roman Haljkevic

romanhaljkevic@gmail.com
(905) 227-7968

Past President: Ken Brady kbrady2@cogeco.ca

(905) 935-4716

Jar Show

Fish of the Month

Stay tuned for Jan-June

**Remember each month
there is always open class
(your choice)**

Membership Fees

Family	\$25
Single Adult	20
Junior (under 16)	10
Student with card	10
Senior (over 65)	10
Senior couple (both over 65)	15

Upcoming Events

TBA

☆

ADVERTISING in 'The SCAT'

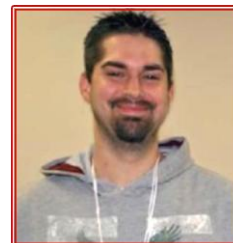
Full Page	\$150
Half Page	100
Quarter Page	80
Business Card	50



JOE'S PRESIDENTIAL MESSAGE

Hello, Everyone!

Happy 2015 to all! Last year, we finished off with a great Christmas party that saw lots of good food, friendship and fish talk. It is my sincere hope that 2015 brings more of the same.



We have a lot of good stuff planned for the coming months, including presentations, raffles, monthly auctions and opportunities to share advice and expertise. I know that I have benefitted a great deal from being in the club and taking in information from others, and I hope that the same can be said for all of you.

We encourage everyone to continue to come out to the monthly meetings and to consider telling friends and people you know about the club. Our numbers were at an all time high just a short while ago; I'd like to see that pick up again.

This month our very own Tom Bridges will be presenting to the club on how to Breed discus. I am looking forward to hearing this presentation and learning about discus.

I look forward to seeing all of you at our first meeting of the new year, on Monday, January 5th.

All The Best,

Joe Krawchuk SCAAS President



JAR SHOW RESULTS

December - There were no entries

January - Open Class



From the Editor's Desk – Lee Routhier

I hope everyone had a Merry Christmas, and Happy New Year. All the best for you and your families in 2015. What will the new year bring you? My goal this year is to do a large aquarium approx 100 gallons, with a canister filter. For some of you that may seem low key. But for me it's a challenge. I have worked with canisters before but never really liked them as I find them heavy, bulky and leak. I have found a new product on the market which I thought I would give a shot. Will give you my thoughts on it further into the year.

We are a little short on items for this news letter, there are no photos from the last meeting.

You will notice that I have improvised as best as I can. .

PHOTOS WANTED !!!!! Send me your photos, of fish, tanks, and plants and I will add them to the newsletter. You can send them either by email or through facebook. I have taken the photos you see in this newsletter from the St Catharines and Area Aquarium Society facebook page.

Ernest Biktimirov -

Hornwort

Ceratophyllum demersum, more widely known by its common name Hornwort, is a floating plant that became popular among aquarium hobbyists due to its hardiness and attractiveness. It is a truly floating plant, as it does not produce any roots when planted. Usually, aquarists let this plant float freely in tanks to provide excellent cover for fish fry. Hornwort can also be attached to the ground to grow as an upright stem plant. For example, photo 1 shows Hornwort attached with a veggie clip to the bottom of my 33 gallon tank.

Given bright light, Hornwort grows fast. Its rapid growth rate helps control nitrates in the tank and deprive algae from nutrients. According to Fohrman (2000, p.181), Hornwort can reach the maximum height of 100 cm. Indeed, in my 33 gallon tank, Hornwort routinely grows above 50 cm in length, as shown in photo 2. Hornwort is easy to propagate by cutting, and any sizable piece or a side shoot will grow into a new plant. If left without trimming in a small tank, Hornwort becomes a thick mass of twisted vegetation. For instance, photo 3 shows how Hornwort has grown in my 6 gallon tank.

Some aquarists complain that Hornwort breaks easily and its small pieces clog filters. However, I did not have this problem as long as the plant was provided with bright light. Without sufficient light Hornwort stops growing and slowly disintegrates.

Hornwort does not have a specific place of origin, and it can survive at relatively low temperatures. For example, both Fohrman (2000, p.181) and Hiscock (2001, p.68) show a temperature range of 10-28 degrees of Centigrade for Hornwort. All my tanks are kept at least at 22 degrees, so I did not have an opportunity to observe Hornwort at lower temperatures. However, aquarists looking for a plant for their cold water fish tanks may be interested in Hornwort. Overall, Hornwort is a hardy and beautiful plant that grows well under different water conditions.

References:

Fohrman, Kjell. 2000. *Back to Nature Aquarium Guide*. El Paso, TX: Cichlid Press.

Hiscock, Peter. 2001. *A Practical Guide to Choosing Your Aquarium Plants*. New York, NY: Barron's Educational Series.

Hiscock, Peter. 2003. *Encyclopedia of Aquarium Plants*. New York, NY: Barron's Educational Series.



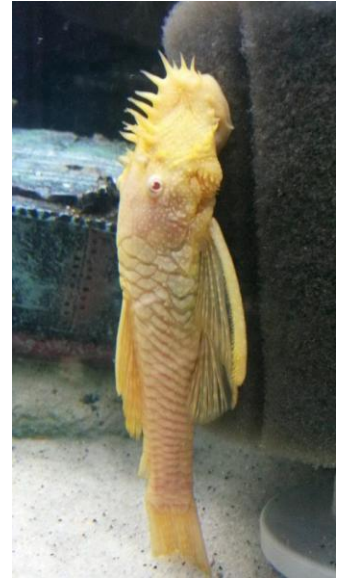
Photos by Ernest Biktimirov

TIME TO SHOW OFF

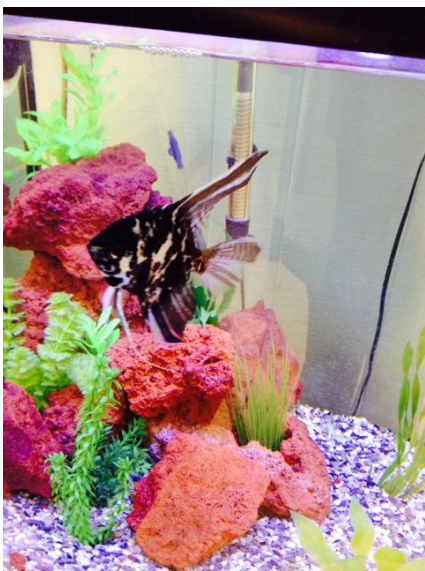


Jay Vandhelvert

Paul Paradis



Ry Koch



Lee Routhier

**St. Catharines & Area Aquarium Society
December 2014**

7:26pm: Meeting called to order. Holiday meeting potluck was held before the meeting.

Upcoming Events:

CAOAC Convention - May Long Weekend.

Catherine has tickets for the convention (\$79) and the draw (\$5). The convention includes speakers and the banquet. The draw is done once 20 tickets are sold. If you buy your tickets before March 15th you can be entered to win your ticket for free. Also if you book the hotel (Holiday Inn) before March 15th you have the chance to win a painting by one of the speakers. All the information is on the CAOAC website.

Financial Update:

We currently have \$4,480.00 including the float

Breeder Awards:

Ernest Biktimirov : Xiphophorus variatus

Tom and Pat Bridges: Corydora Stirbi.

Horticultural Awards:

Ernest Biktimirov: Amazon Frog Bit and Hornwort.

Jar Show: No entries this month.

Presentation: None this month.

After the meeting:

Raffle and Auction.

***** Please remember to bring an item of non-perishable food or a donation for community cares to every meeting you are able to *****

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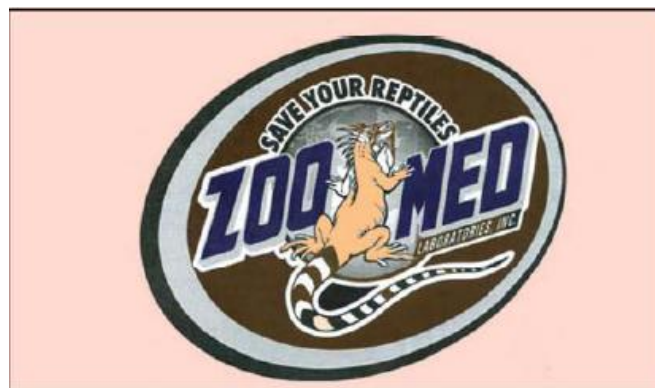
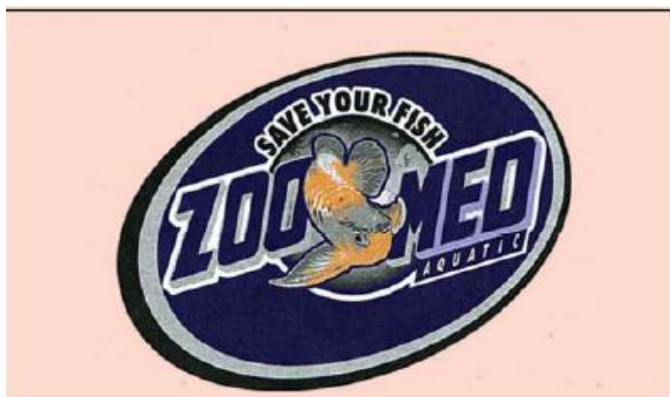
2014-2015 SCAAS Meeting Dates

Mondays:

September 8
 (2nd Monday due to
 the Labour Day
 holiday)
 October 6
 November 3

December 1
 January 5
 February 2
 March 2

April 6 (Easter Monday)
 May 4
 June 1



AHAP AWARDS PRESENTED AT THE DECEMBER MEETING

Ernest Biktimirov Amazon Frogbit and Hornwort

Joe Krawchuk
 AHAP Chairperson

OAA stands for **O**ther **A**quatic **A**nimals, (mainly invertebrates but includes vertebrates such as aquatic frogs).

Please note: The points may change as we find out more regarding degrees of breeding difficulty. Appropriate certificate forms are available from the OAA Chairperson.

OAA AWARDS PRESENTED AT THE DECEMBER MEETING

No awards this month.

Tom Bridges
 BAP Chairperson

BAP AWARDS PRESENTED AT THE DECEMBER MEETING

!
Ernest Biktimirov
 Xiphophorus variatus5 pts.
Tom & Pat Bridges
 Corydoras sterbai (Sterba's Cory)20 pts.
Congratulations!

Tom Bridges
 BAP Chairperson



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Tues-Thursday 10-5, Friday 11-7, Saturday 10-3 closed Sunday & Monday
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This is our regular spot in The SCAT. It'll contain brief descriptions of hobby related items that members have **'For Sale'** or **'Want To Buy'** or **'Swap'** and their names, phone numbers and/or email addresses. (To have items entered, you must get the information to the editor by the deadline for that month.)

Want To Buy	For Sale
No Items wanted this month	No Items for sale this month

No items to SWAP this month



About CAOAC (Canadian Association Of Aquarium Clubs)

CAOAC was founded in 1959 (incorporated in 1963) to allow the clubs to work together for their common good and the good of the hobby. Legislative issues, promotion of events, a judging system, national awards, assistance for new clubs, and liability insurance, are just a few of the things on which clubs can work and benefit together.

Your New CAOAC Executive:	
President: <i>Ron Bishop</i>	1st Vice-President: <i>Peter Melady</i>
2nd Vice-President: <i>Ken Boorman</i>	Recording Secretary: <i>Ann Stevens</i>
Corresponding Sec'y: <i>Ann Marie Towell</i>	Treasurer: <i>Albert Van Montfort</i>

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